	Application Number International Filing Date	November 19, 2004
ELECTION AND POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM	First Named Inventor	Junji TAKEDA
	Title	DEVELOPMENT OF MAMMALIAN GENOME MODIFICATION TECHNIQUE USING RETROTRANSPOSON
	Art Unit	
	Examiner Name	
÷	Attorney Docket Number	

								-
hereby revo	ke all pr	evious powers of attorney given in	the at	belftinsbl-evac	applic	ation.		·
hereby appo			•					
	loners a	t Seed IP Law Group PLLC, Custo	mer N	umber: 0050()			
QR				ı				
	ner(s) nan	ed below:						
		Name	1	Registration N	lumbe	,]	
	- -	(42)110	-]	
]	
as my/our attor and to transact	mey(s) or	agent(s) to prosecute the application identifies in the United States Patent and Tradem	had abov ark Offic	e (and any continua e connected therew	atlon/d /ith.	lvislanel app	Destions th	erefrom),
The above-fi	nantionad	nge the correspondence address for the ab Customer Number, ad with Customer Number:	gve-IG6.1	mice abhreamu in:			•	
U The Bodress	EAROCIS!	and Author Constitution of the Constitution of			<u> </u>			
[] Flm or				· 				
Individual Address	Name			,				
Address						·· ···································		
City			State		ZIP	<u> </u>		
Country								·
Telephone			Emei)			<u> </u>	_	
I am the:								
	ialnevnív.	of an Interest. See 37 CFR 9.71.						
	and sunday	97 CER 3 73(D) IS ENGINEED. [CONTINUED DE	V96).		•			of the
ese eA 🖸	signes of itor(s).	record an interast I/we hereby elect, under 3	7 CFR \$	1.71, to prosecule th	e app	ilestion to ma		O tile
		SIGNATURE of Applica	nt or As	signee of Record				
Signature		Torn Sneyoshi Dale August 28, 2006						
Name		TORL SUFYESHI						
Title and		PRESIDENT		····				
Company (Assignes)	OSA	ZA TNIDITETETAL PROMOTIC	ON OR	GANIZATIO	N		ro con de	od Rudomit
NOTE: Signa	tures of s	il the inventors of sesignees of record of than one signature is required, see below	the entir	e interest or their r	epres	entauve(5)	ere redmin	
Total of	erantis is a second	ns are submitted.						

Total of the collection of information is required by 87 CPR 1.31 and 1.35. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to This collection of information is required by 87 CPR 1.31 and 1.35. The information is required to take 3 minutes to complete, including processs) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CPR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete to the amount of time gaphering, preparing, and submitting the completed application form to the USPTO. Time will very depending upon the individual case. Any comments on the amount of time gaphering, preparing, and submitting the completed application for reducing this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. you require to complete this form and/or suggestions for retain a benefit by the public which is to take 3 minutes to complete the USPTO. The collection is extended to take 3 minutes to complete the user of the USPTO. The collection is extended to take 3 minutes to complete the user of the USPTO. The collection is extended to take 3 minutes to complete the user of the USPTO. The collection is extended to take 3 minutes to complete the user of the USPTO in the user of the

	Application Number	10/579,936
ELECTION AND POWER OF	International Filing Date	November 19, 2004
	First Named Inventor	Junji .TAKEDA
ATTORNEY and CORRESPONDENCE ADDRESS	Title	DEVELOPMENT OF MAMMALIAN GENOME MODIFICATION TECHNIQUE USING RETROTRANSFOSON
INDICATION FORM	Art Unit	•
	Examiner Name	•
•	Attorney Docket Number	

i hereby revoke all previous powers of attorney given in	the above-identified application.			
I hereby appoint:	•			
Practitioners at Seed IP Law Group PLLC, Custo	mer Number: 00500			
QR				
Practitioner(s) named below:				
* Name	Registration Number			
as my/our attorney(s) or agent(s) to prosecute the application identifies and to transact all business in the United States Patent and Tradema	rk Office connected therewith.			
Please recognize or change the correspondence address for the above	va-idenilied application to:			
☑ The above-mentioned Customer Number.				
OR				
The address associated with Customer Number:				
OR				
Firm or				
Address				
Address	.			
City . St	ate ZIP			
Country				
Telephone	neti			
I am the:				
Applicant/inventor.				
Assignee of record of an interest. See 37 CFR 3.71. Stalament under 37 CFR 3.73(b) is enclosed, (Form PTO/SB/98).				
As assignce of record an interest (Ave hareby elect, under 37 CFR 3.71, to prosecute the application to the exclusion of the inventor(s).				
BIGNATURE of Applicant or Assigned of Record				
Signature Hosking Yorkura	Date March 9, 2007			
Name Yoshiharu Yonekura				
Title and President				
Company (Assigner) NAMI ONAL INSTITUTE OF RADIOLOGICAL SCIENCES				
NOTE: Slengtures of all the Inventors of assignees of record of the entire interest of their representative(s) are required. Subtilit				
multiple forms if more than one signature is required, see below. Total of forms are submitted.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			

č

PTO/SB/96 (09-04) Approved for use through 07/31,__08. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwolk Reduction Act of 1995, "no persons are required to respond to a collection of information unless it displays a valid DMB control number. STATEMENT UNDER 37 CFR 3.73(b) Junji TAKEDA et al. Applicant/Patent Owner: Filed/Issue Date: November 19, 2004 Application No./Patent No.: 10/579, 936 DEVELOPMENT OF MAMMALIAN GENOME MODIFICATION Entitled: TECHNIQUE. USING RETROTRANSPOSON OSAKA INDUSTRIAL corporation PROMOTION_ORGANIZATION (Type of Assignae, e.g., corporation, partnership, (Name of Assignee) university, government agency, etc.) states that it is: 1. [] the assignee of the entire right, title, and interest; or 2. an assignee of less than the entire right, title and interest. The extent (by percentage) of its ownership interest is :75% in the patent application/patent identified above by virtue of either: A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____ Frame ____ or for which a copy thereof is attached. OR B. [] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below: To: 1. From:____ The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached. To:_ 2. From:_ The document was recorded in the United States Patent and Trademark Office at Reel _____ Frame ____ or for which a copy thereof is attached. To:_ 3. From: The document was recorded in the United States Patent and Trademark Office at Reel _____ or for which a copy thereof is attached. Additional documents in the chain of title are listed on a supplemental sheet. Coples of assignments or other documents in the chain of title noted in B above are attached. [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08] The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including to process) an application. Confidentially is completed application form to the USPTO. Time will vary depending upon the included case. Any comments on the gathering, and submitting the completed application form to the USPTO. Time will vary depending upon the included case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Offices, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Palents, P.O. Box 1450, Alexandria, VA 22313-1450.

Docket No. 790035,407USPC

C:\N:Porb\RAanaga\RO3\EF\B\$03\6_1.DOC

ASSIGNMENT

WHEREAS, we, Junji TAKEDA, Kyoji HORIE, Kosuke YUSA and Hiroshi Ishihara, (hereinaster referred to as ASSIGNORS), having mailing addresses of

c/o Collaborative Research Center for Advanced Science and Technology, Osaka University, 2-1, Yamadaoka, Suita-shi, Osaka 5650871 Japan

c/o Graduate School of Medicine, Osaka University, 2-2, Yamadaoka, Suita-shi, Osaka 5650871 Japan

c/o Graduate School of Medicine, Osaka University, 2-2, Yamadaoka, Suita-shi, Osaka 5650871 Japan

and c/o National Institute of Radiological Sciences, 4-9-1, Anagawa, Inage-ku, Chiba-shi Chiba 2638555 Japan,

respectively, are the joint inventors of an invention entitled "DEVELOPMENT OF MAMMALIAN GENOME MODIFICATION TECHNIQUE USING RETROTRANSPOSON" as described and claimed in the specification for which an application for United States letters patent was filed and assigned Application No. 10/579,936. This application is a national stage application filed under 35 U.S.C. 371 of International Application No. PCT/JP2004/017307, accorded an International Filing Date of November 19, 2004;

WHEREAS, OSAKA INDUSTRIAL PROMOTION ORGANIZATION having a usual place of business at c/o Mydome Osaka, 2-5, Honmachibashi, Chuo-ku, Japan; and NATIONAL INSTITUTE OF Osaka-shi Osaka 5400029 RADIOLOGICAL SCIENCES having a place of business at 4-9-1, Anagawa, Inage-ku, Chiba-Chiba 2638555 Japan; (hereinafter referred to as ASSIGNEES), are desirous of acquiring right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States according to the following allocations:

75 percent OSAKA INDUSTRIAL PROMOTION ORGANIZATION NATIONAL INSTITUTE OF RADIOLOGICAL SCIENCES 25 percent

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEES, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and, in any and all divisions, reissues and continuations thereof, said invention, application and all letters patent on said invention to be held and enjoyed by International Application No.: PCT/JP2004/017307 U.S. Application No.: 10/579,936

ASSIGNEES and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEES. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

1.

Assignor:

Junji TAKEDA

Date: Apr. 16, 2007

Signature

enter alla entere de la calegación de la caración de la calegación de la calegación de la calegación de la cal

and the accept to the first part of the control of

2.

Assignor: Kyoji HORIE

Date: --- Apr. 16, 200 7

Signature

•

•

International Application No.: PCT/JP2004/017307 U.S. Application No.: 10/579,936

٥.	Assignor:	Kosuke Yüşa
Date: Apr. 16, 2007	Signature:	'Wosefal your
	•	•
4.	Assignor:	Hiroshi·ISHIHARA
Date:	Signature:	

e of extrementation for the overselvent and extrement as every for expression, easiers of the experience of a

Bandan nganghan, hada ngan katalah katalah dalah nganghan ganghan kalamban katalah panghan ngangkan dalah palab

International Application No.: PCT/JP2004/017307 U.S. Application No.: 10/579,936

3	Assignor: Kosuke YUSA
Date:	Signature:
· ·	· ·
4.	Assignor Hiroshi Ishihara
Date: March 5, 2007	Signature: Hiroshi Ishihara

. Makante neut et ekent et et anne genet i den annat et et en entalt, annapparttep andte, mat te na hetping en e

and the first were for the end to the analysis of the control of the control of the first of the